

PATENT  
Serial No. 09/918,162  
Amendment in Reply to Office Action mailed on December 1, 2005

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A recording arrangement ~~(1)~~ having receiving means ~~(4)~~ for receiving reception information ~~(EI1, EI2)~~ including program information ~~(PI1, PI2)~~ and, in at least one receiving channel ~~(C1, C2, C3)~~, picture information and/or sound information of a television program, and having detection means ~~(10)~~ for the detection of the received program information ~~(PI1, PI2)~~, which characterizes the start times ~~(BZ)~~ and end times ~~(EZ)~~ of television programs that can be received in the receiving channels ~~(C1, C2, C3)~~, and having recording means ~~(6)~~, which are adapted to record the picture information and/or sound information received in the receiving channel ~~(C1, C2, C3)~~ on a record carrier from a recording start time ~~(ABZ)~~ till a recording end time ~~(AEZ)~~, and having

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recording control means ~~(13)~~ which, when a user of the recording arrangement ~~(1)~~ has defined the recording start time ~~(ABZ)~~ and the receiving channel ~~(C1, C2, C3)~~ for a recording, are adapted to propose the end time ~~(EZ)~~ determined by the detection means ~~(10)~~ as the recording end time ~~(AEZ)~~ for the recording of the television program that can be received in the receiving channel ~~(C1, C2, C3)~~.

2. (Currently Amended) A The recording arrangement ~~(1)~~ as claimed in claim 1, in which the recording control means ~~(13)~~, when a user of the recording arrangement ~~(1)~~ has defined the a current time as the recording start time ~~(ABZ)~~ and the receiving channel ~~(C1, C2, C3)~~ currently selected for a recording at the receiving means ~~(4)~~, are adapted to propose the end time ~~(EZ)~~ determined by the detection means ~~(10)~~ as the recording end time ~~(AEZ)~~ for the recording of the television program received in the receiving channel ~~(C1, C2, C3)~~ currently selected at the receiving means ~~(4)~~.

3. (Currently Amended) A The recording arrangement ~~(1)~~ as claimed in claim 2, in which the recording control means ~~(13)~~ are

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adapted to propose the end time ~~(EZ)~~ of the ~~a further~~ television program which directly follows the television program received in the selected receiving channel ~~(C1, C2, C3)~~ at the recording start time ~~(ABZ)~~, which end time has been determined by the detection means ~~(10)~~, as the recording end time ~~(AEZ)~~ of a recording if the recording start time ~~(ABZ)~~ and the end time ~~(EZ)~~ of the television program received at the recording start time ~~(ABZ)~~ do not yield at least a minimum recording length of the recording.

4. (Currently Amended) A ~~The~~ recording arrangement ~~(1)~~ as claimed in claim 1, which includes change means ~~(13, 14)~~ adapted to change the proposed recording end time ~~(AEZ)~~ in accordance with selection information ~~(AI)~~ entered by the user of the recording arrangement ~~(1)~~.

5. (Currently Amended) A ~~The~~ recording arrangement ~~(1)~~ as claimed in claim 1, in which the detection means ~~(10)~~ are adapted to detect an electronic program guide contained in the reception information ~~(EI1, EI2)~~ and complying with the standard ETS 300 701 and the standard EN 300 468 V1.3.1 (1998-02), respectively.

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6. (Currently Amended) A ~~The~~ recording arrangement ~~(1)~~ as claimed in claim 1, in which the receiving means ~~(4)~~ are adapted to receive the program information ~~(PI2)~~ from the Internet.

7. (Currently Amended) A ~~The~~ recording arrangement ~~(1)~~ as claimed in claim 2, which includes intermediate storage means ~~(6)~~ for recording in a continually overwriting fashion the picture information and/or sound information of the television program last received in the selected receiving channel ~~(C1, C2, C3)~~ during an intermediate storage time ~~(TZ)~~ and in which the recording control means ~~(13)~~ are adapted to assign the television signal ~~(FS2)~~ of the beginning of a television program recorded in the intermediate storage means ~~(6)~~ during the intermediate storage time ~~(TZ)~~ to the television signal ~~(FS2)~~ of the television program recorded during the recording time, if the recording start time ~~(ABZ)~~ does not correspond to the start time ~~(BZ)~~ of the television program.

8. (Currently Amended) A recording method ~~having the following~~  
method steps comprising the acts:

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receiving reception information ~~(EI1, EI2)~~ including program information ~~(PI1, PI2)~~ and, in at least one receiving channel ~~(C1, C2, C3)~~, picture information and/or sound information of a television program, and

detecting the received program information ~~(PI1, PI2)~~, which characterizes the start times ~~(BZ)~~ and end times ~~(EZ)~~ of television programs that can be received in the receiving channels ~~(C1, C2, C3)~~, and

recording the picture information and/or sound information received in the receiving channel ~~(C1, C2, C3)~~ on a record carrier from a recording start time ~~(ABZ)~~ till a recording end time ~~(AEZ)~~, and

proposing the end time ~~(EZ)~~ determined by the detection means ~~(10)~~ as the recording end time ~~(AEZ)~~ for the recording of a television program that can be received in the receiving channel ~~(C1, C2, C3)~~ when a user of a recording arrangement ~~(1)~~ that carries out the recording method has defined the recording start time ~~(ABZ)~~ and the receiving channel ~~(C1, C2, C3)~~ for the recording.

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9. (Currently Amended) A The recording method as claimed in claim 8, ~~which has the following method step further comprising the act of:~~

proposing the end time ~~(EZ)~~ determined by the detection means ~~(10)~~ as the recording end time ~~(AEZ)~~ for a recording of the television program received in the currently selected receiving channel ~~(C1, C2, C3)~~ when a user of the recording arrangement ~~(1)~~ that carries out the method has defined ~~the a~~ current time as the recording start time ~~(ABZ)~~ and the receiving channel ~~(C1, C2, C3)~~ currently selected for the recording.

10. (Currently Amended) A The recording method as claimed in claim 8, ~~which has the following method step further comprising the act of:~~

proposing the detected end time ~~(EZ)~~ of ~~the a further~~ television program which directly follows the television program received in the selected receiving channel ~~(C1, C2, C3)~~ at the recording start time ~~(ABZ)~~ as the recording end time ~~(AEZ)~~ of a recording if the recording start time ~~(ABZ)~~ and the end time ~~(EZ)~~ of the television program received at the recording start time

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~~(ABZ)~~ do not yield at least a minimum recording length of the recording.

11. (Currently Amended) A The recording method as claimed in claim 8, ~~which has the following method step further comprising the acts of:~~

recording in a continually overwriting fashion the picture information and/or sound information of the television program last received in the selected receiving channel ~~(C1, C2, C3)~~ during an intermediate storage time ~~(TZ)~~, and

assigning the television signal ~~(FS2)~~ of the beginning of a television program recorded during the intermediate storage time ~~(TZ)~~ to the television signal ~~(FS2)~~ of the television program recorded during the recording time, if the recording start time ~~(ABZ)~~ does not correspond to the start time ~~(BZ)~~ of the television program.

12. (New) A recording system comprising:

a receiver configured to receive program information including at least one of receiving channels, start times and end times of

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programs; and

a controller configured to propose an end time of a program in response to selection of a receiving channel of said receiving channels and a start time of said start times for recording said program.

13. (New) The recording system of claim 12, wherein said controller is further configured to propose a further end time of a further program that follows a current program when a difference between a current time and a current end time of said current program is below a predetermined threshold.

14. (New) The recording system of claim 12, wherein said controller is further configured to continually record programs for storage in a first memory, and store a selected program in a second memory starting from a beginning of said selected program already stored in said first memory when a recording start time of said selected program does not correspond to a starting time of said selected program.